Polynomials
Perform operations on polynomials (9.1)

CCSS	4 – Mastery	3 – Proficient	2 - Basic	1 – Below Basic	0 – No Evidence
Add, subtract, and multiply polynomials (A.APR.1)	Can extend thinking beyond the standard, including tasks that may involve one of the following:	Add, subtract, and multiply polynomials **all within the same problem**	Add, subtract, **and multiply** polynomials	**Add and subtract** polynomials	Little evidence of reasoning or application to solve the problem
Interpret expressions (A.SSE.1*)	- Designing - Connecting - Synthesizing - Applying - Justifying - Critiquing - Analyzing - Creating - Proving	Identify individual parts or groups of parts in an expression (such as terms, factors, etc.) **and explain their meaning in terms of a given context**	Identify individual parts **or groups of parts** in an expression (such as terms, factors, etc.)	**Identify** individual parts of an expression (such as terms, variables, etc.)	Does not meet the criteria in a level 1

A.APR.1   Understand that polynomials form a system analogous to the integers, namely, they are closed under the operations of addition, subtraction, and multiplication; add, subtract, and multiply polynomials.

A.SSE.1*   Interpret expressions that represent a quantity in terms of its context.
    a. Interpret parts of an expression, such as terms, factors, and coefficients.
    b. Interpret complicated expressions by viewing one or more of their parts as a single entity.

Polynomials
Factor polynomials (9.2)

CCSS	4 – Mastery	3 – Proficient	2 - Basic	1 – Below Basic	0 – No Evidence
Factor polynomials (A.SSE.2)	Can extend thinking beyond the standard, including tasks that may involve one of the following: • Designing • Connecting • Synthesizing • Applying • Justifying • Critiquing • Analyzing • Creating • Proving	Rewrite expressions in different equivalent forms by • factoring using greatest common factors • factor using a difference of two squares • factor a trinomial • factor a trinomial with more than 2 factors	Rewrite expressions in different equivalent forms by **(3 out of 4)** • factoring using greatest common factors • factor using a difference of two squares • factor a trinomial • factor a trinomial with more than 2 factors	Rewrite expressions in different equivalent forms by **(2 out of 4)** • factoring using greatest common factors • factor using a difference of two squares • factor a trinomial • factor a trinomial with more than 2 factors	Little evidence of reasoning or application to solve the problem Does not meet the criteria in a level 1
Interpret expressions (A.SSE.1*)		Identify individual parts or groups of parts in an expression (such as terms, factors, etc.) **and explain their meaning in terms of a given context**	Identify individual parts **or groups of parts** in an expression (such as terms, factors, etc.)	**Identify** individual parts of an expression (such as terms, variables, etc.)	

A.SSE.2   Use the structure of an expression to identify ways to rewrite it.

A.SSE.1*   Interpret expressions that represent a quantity in terms of its context.
     a. Interpret parts of an expression, such as terms, factors, and coefficients.
     b. Interpret complicated expressions by viewing one or more of their parts as a single entity.